

Emulsion for impregnating or coating e.g. paper or wood, comprises urea melamine formaldehyde or phenolic resin, urea, borax, sodium silicate and calcium carbonate

Publication number: SE9803828

Publication date: 2000-05-10

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Applicant: CELLROC AB (SE)

Classification:


- international: **B27K3/52; C09K21/14; D21H21/34; B27K; B27K3/52; C09K21/00; D21H21/34; (IPC1-7): C09K21/14; B27K3/52; D21H21/34**

- European:

Application number: SE19980003828D 19981109

Priority number(s): SE19980003828 19981109

Also published as:

 SE9803828L (L)

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Abstract of SE9803828

The emulsion contains an urea-melamine-formaldehyde or phenolic resin with curing agent, urea, Berol 048, sodium silicate and calcium carbonate. DETAILED DESCRIPTION - An emulsion comprises the following components : (A) 25-50 vol.% urea-melamine-formaldehyde adhesive with curing agent (e.g. Akzo Nobel 1345) or phenolic resin with curing agent (e.g. Akzo Nobel 1535+1711) ; (B) 25-50 vol.% water ; (C) 2-10 vol.% urea ; (D) 0.5-1 vol.% Berol 048 ; (E) 0.5-2 vol.% sodium ditetaborate (borax) ; (F) 5-15 vol.% sodium silicate ; and (G) 0.5-5 vol.% calcium carbonate.

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SVERIGE (A) ALLMÄNT TILLGÄNGLIG

(22) ANS DAT 1998-11-09 (21) ANS NR 9803828-4

(24) LÖPDAT 1998-11-09 ANSVK J4JS

(51) KLASS C09K 21/14

D21H 21/34

B27K 3/52

(41) OFF DAT 2000-05-10 (74) OMBUD

(71) SÖKANDE Cellroc AB
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(72) UPPFINNARE Raoul Kjellqvist Stockholm SE

(30) PRIORITETSUPPGIFTER

(54) BENÄMNING Impregnerings-Resp inblandningsemulsjoner baserade på
karbamid-melamin-formaldehydlim eller fenolhartslim med
hårdare att användas som tillsats till företrädesvis
cellulosabaserade fibermaterial

(57) SAMMANDRAG

Användning av impregnerings-resp. inblandningsemulsjoner baserade på karbamid-melamin-formaldehydlim eller fenolhartser med diverse tillsatsämnen i syfte att förbättra egenskaperna hos cellulosabaserade fibermaterial såtillvida att brandhårdighet, styrka och vattenbeständighet förbättras avsevärt.

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